

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\  
 Data File : VW011902.D  
 Acq On : 13 Aug 2019 18:18  
 Operator : SY/VA  
 Sample : K4215-16  
 Misc : 5.84G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETOC9

Quant Time: Aug 14 06:51:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 14 04:55:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 289230   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 250337   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 102924   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 72705    | 17.85    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.40% |
| 7) Chloroethane-d5             | 2.89   | 69    | 60001    | 20.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.80% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 135714   | 14.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.16% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 68731    | 37.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.96% |
| 24) Chloroform-d               | 7.65   | 84    | 172706   | 21.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.96% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 106255   | 22.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.40% |
| 29) Benzene-d6                 | 8.27   | 84    | 339300   | 21.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 86.20% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 116481   | 22.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.68% |
| 37) Toluene-d8                 | 10.32  | 98    | 285347   | 20.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 81.68% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 43153    | 19.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 77.48% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 45581    | 38.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.80% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 85800    | 20.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 81.32% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 86898    | 21.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 87.64% |

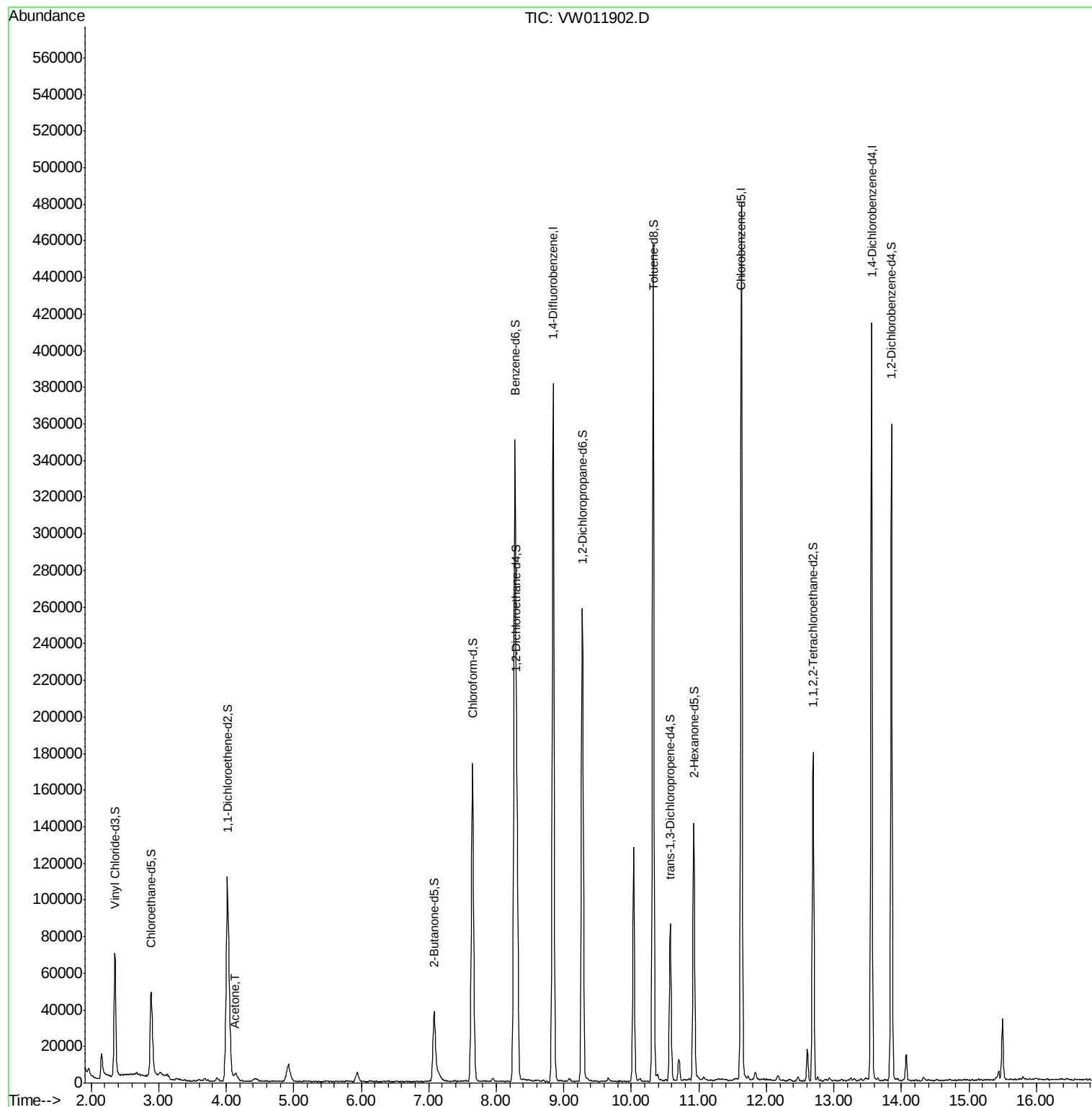
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.13 | 43 | 6175 | 3.144 ug/L | 72     |

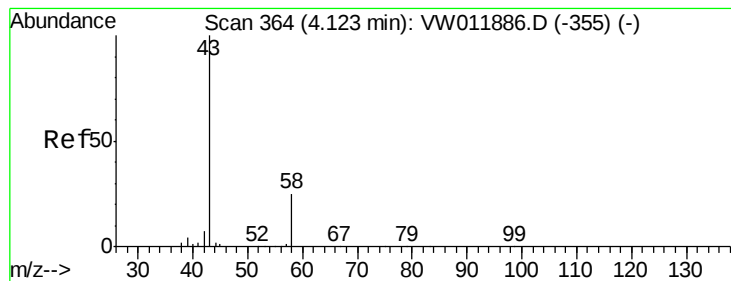
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 14 04:55:20 2019  
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#13  
 Acetone  
 Concen: 3.144 ug/L  
 RT: 4.13 min Scan# 365  
 Delta R.T. 0.01 min  
 Lab File: VW011902.D  
 Acq: 13 Aug 2019 18:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETOC9

Tot Ion: 43 Resp: 6175  
 Ion Ratio Lower Upper  
 43 100  
 58 12.5 0.0 53.4

